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111303**FORM PTO 1082**

U.S. Patent and Trademark Office
2011 South Clark Place
Customer Window, Mail Stop PATENT APPLICATION
Crystal Plaza Two, Lobby, Room 1B03
Arlington, VA 22202

VIA HAND DELIVERY
PATENT
Case Docket No. 36856.1146
Date: November 13, 2003

U.S. PTO10/70594
031088 U.S.PTO

111303

Sir:

Transmitted herewith for filing is the patent application of: ~

Inventor(s): Hiroshi KAWAI
For: RF-MEMS SWITCH

Applicant(s) claim(s) benefit under 35 U.S.C. § 119(e) of United States provisional application No. _____ filed _____

Enclosed are:**30 Pages of Specification****144 Sheet(s) of drawings (formal informal)** Declaration and Power of Attorney Will follow. Form PTO-1595 and an Assignment of the invention Murata Manufacturing Co., Ltd. of 26-10 Tenjin 2-chome, Nagaokakyo-shi, Kyoto-fu 617-8555, JAPAN Will follow A certified copy of Japanese Patent Appln. Nos. 2002-361113 filed on December 12, 2002 and 2003-347181 filed on October 6, 2003, from which priority is claimed in the subject case pursuant to Rule 55b and 35 U.S.C. 119. Will follow Request for Non-publication of Application Under 35 USC 122(b)(2)(B)(i) Information Disclosure Statement, Form PTO 1449, and 5 cited reference(s). Change of Correspondence Address Information Sheet General authorization/request to Petition for Extensions of Time Return Postcard

| FOR: | NO. FILED | NO. EXTRA | SMALL ENTITY RATE | SMALL ENTITY FEE | | OTHER THAN SMALL ENTITY RATE | OTHER THAN SMALL ENTITY FEE |
|-----------------------------------|-----------|-----------|-------------------|------------------|----|------------------------------|-----------------------------|
| BASIC FEE | | | | | | | |
| TOTAL CLAIMS | 19 | -0- | X 9 | \$385.00 | OR | X 18 | \$770.00 |
| INDEP CLAIMS | 3 | -0- | X 43 | \$ | OR | X 86 | \$0 |
| <input type="checkbox"/> MULTIPLE | | | X 145 | \$ | OR | + 290 | \$0 |
| DEP CLAIMS | | | TOTAL = | \$ | | TOTAL: | \$ |
| PRESENTED | | | | | | | \$770.00 |

 Please charge my Deposit Account No. 50-1353 the amount of \$ _____. A duplicate copy of this sheet is enclosed. Check in the amount of \$ _____ to cover the filing fee is enclosed. Please charge my Credit Card the amount of \$770.00. Please see the enclosed Credit Card Payment Form (PTO-2038) Credit Card Payment Form for \$40.00 covering the Assignment Recordation Fee is enclosed.

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- Any filing fees under CFR 1.16 for presentation or extra claims.

Respectfully submitted,


 Joseph R. Keating
 Registration No. 37,368

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PATENT

Docket No:36856.1146

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Hiroshi KAWAI
For: RF-MEMS SWITCH

CERTIFICATE OF HAND DELIVERY

U.S. Patent and Trademark Office
2011 South Clark Place
Customer Window, Mail Stop **PATENT APPLICATION**
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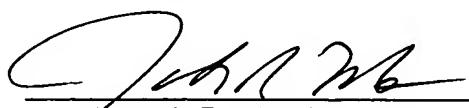
Sir:

Date of Deposit: November 13, 2003

I hereby certify that an application for patent, including:

One-page cover sheet; 30 pages of Specification (which includes 19 claims and a one-page Abstract); 14 Sheets of Formal Drawings; an executed Combined Declaration and Power of Attorney; a General Authorization/Request to Petition for Extensions of Time; a Credit Card Payment Form (PTO-2038) authorizing a charge to my credit card in the amount of \$770.00 to cover the filing fee; an executed Assignment document and Form PTO 1595, along with a Credit Card Payment Form (PTO-2038) authorizing a charge to my credit card in the amount of \$40.00 to cover the assignment recordation fee; a Transmittal Letter (Form PTO 1082); an Information Disclosure Statement with five (5) references; and Return Postcard are being deposited with the U.S. Patent Office at the Customer Service Window of the U.S. Patent Office on the date indicated above and is addressed to the Commissioner for Patents, Mail Stop Patent Application, Arlington, VA 22202.

Date of Deposit: November 13, 2003



Joseph R. Keating